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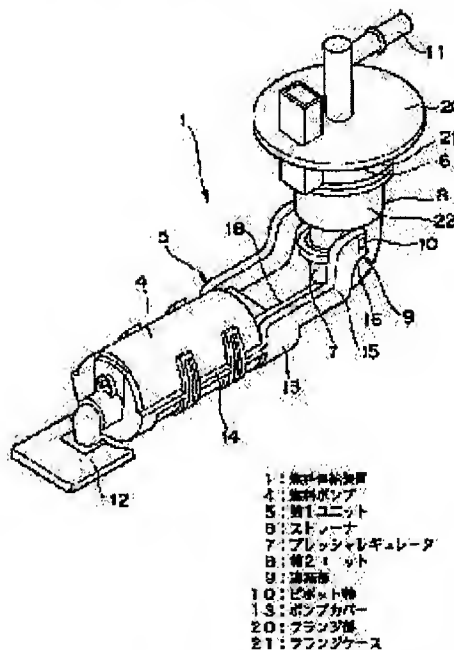
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(54) FUEL SUPPLY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To mount a fuel supply device on a shallow fuel tank through a small mounting hole.

SOLUTION: The fuel supply device 1 has, as functional parts, a fuel pump 4, a strainer 6, a pressure regulator 7, and a flange portion 20. The functional parts are arranged in series, and a connection portion 9 is provided between a first unit 5 on which the fuel pump 4 is mounted and a second unit 8 on which the strainer 6 is mounted for turnably connecting both units 5, 8 with a pivot shaft 10 as a center. The connection portion 9 is provided with the pressure regulator 7 in an area to be a dead space with both units 5, 8 in bent arrangement. With the fuel supply device 1, the units 5, 8 are formed into a linear shape, and the unit 5 only is first inserted into an opening 3 of the fuel tank and then turned to be slid into the tank. The fuel supply device is mounted on the fuel tank 2 by fitting the flange portion 20 into the opening.



1: 燃料供給装置
2: 燃料タンク
3: 開口ユニット
4: ストローナ
5: プレッシャレギュレータ
6: 第1ユニット
7: 第2ユニット
8: 燃料ポンプ
9: 接続部
10: ピボット軸
11: ポンプカバー
12: フランジ部
13: フランジケース

LEGAL STATUS

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